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(71) Applicant (for all designated States except US): QUEST INTERNATIONAL NEDERLAND B.V. [NL/NL]; Huizerstraatweg 28, NL-1411 GP Naarden (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SIEMENSMA, Andries [NL/NL]; Harstastate 21, NL-8926 Le Leeuwarden (NL). KUNST, Anthonie [NL/NL]; Weegbree 41, NL-1273 AN Huizen (NL). HAKKAART, Marcellinus [NL/NL]; Surinamelaan 18, NL-1213 VN Hilversum (NL).

(74) Agent: VAN WESTENBRUGGE, Andries et al.; Nederlands Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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(54) Title: METHOD OF TREATING OR PREVENTING OBEISITY AND LIPID METABOLISM DISORDERS AND COMPOSITIONS FOR USE THEREIN

(57) Abstract: The present invention provides a method of preventing or treating human obesity, said method comprising ingesting a composition containing, calculated on dry matter: 10-100 wt.% protein hydrolysate; 0-90 wt.% intact protein; 0-50 wt.% carbohydrate; and wherein hydrolysed protein and intact protein together are present in a concentration (w/w) that exceeds the carbohydrate concentration (w/w). The invention also encompasses the use of the same composition in a method of preventing or treating lipid metabolism disorders and in a method for improving body appearance. Other aspects of the invention relate to nutritional beverages, snacks and soups that can advantageously be employed in accordance with the aforementioned methods.

INTERNATIONAL SEARCH REPORT

International — ation No

PCT/NL 03/00641

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K38/01 A61P3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 77034 A (MARETTE ANDRE ; JACQUES HELENE (CA); LAVIGNE CHARLES (CA); UNIV LAV) 21 December 2000 (2000-12-21)	1,3-6, 11,14
Y	page 6, line 18-21 page 42, line 23-26 page 43, line 1-11; claim 35	1-19
X	EP 0 425 423 A (HOEIE LARS HENRIK ; NYCOMED AS (NO)) 2 May 1991 (1991-05-02)	1-7,11, 13,14,17
Y	the whole document	1-19

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Greif, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>AOYAMA T ET AL: "EFFECT OF SOY AND MILK WHEY PROTEIN ISOLATES AND THEIR HYDROLYSATES ON WEIGHT REDUCTION IN GENETICALLY OBESE MICE"</p> <p>BIOSCIENCE BIOTECHNOLOGY BIOCHEMISTRY, JAPAN SOC. FOR BIOSCIENCE, BIOTECHNOLOGY AND AGROCHEM. TOKYO, JP, vol. 64, no. 12, December 2000 (2000-12), pages 2594-2600, XP001109501</p> <p>ISSN: 0916-8451</p> <p>abstract; table 1</p> <p>page 2598, left-hand column, paragraphs 1-3</p> <p>page 2599, left-hand column, paragraphs 2,4</p>	1-19
Y	<p>AOYAMA T ET AL: "Soy protein isolate and its hydrolysate reduce body fat of dietary obese rats and genetically obese mice (yellow KK)"</p> <p>NUTRITION (BURBANK, LOS ANGELES COUNTY, CALIF.) UNITED STATES MAY 2000, vol. 16, no. 5, May 2000 (2000-05), pages 349-354, XP001157216</p> <p>ISSN: 0899-9007</p> <p>abstract; tables 1,2</p> <p>page 352, right-hand column, paragraph 3</p> <p>-page 353, left-hand column, paragraph 1</p>	1-19
Y	<p>JUN KAYASHITA ET AL: "FEEDING OF BUCKWHEAT PROTEIN EXTRACT REDUCES HEPATIC TRIGLYCERIDE CONCENTRATION ADIPOSE TISSUE WEIGHT AND HEPATIC LIPOGENESIS IN RATS"</p> <p>JOURNAL OF NUTRITIONAL BIOCHEMISTRY, BUTTERWORTH PUBLISHERS, STONEHAM, GB, 1996, pages 555-559, XP002928052</p> <p>ISSN: 0955-2863</p> <p>abstract; table 1</p>	1-19
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A	<p>DIEZ M ET AL: "WEIGHT LOSS IN OBESE DOGS: EVALUATION OF A HIGH-PROTEIN, LOW-CARBOHYDRATE DIET"</p> <p>JOURNAL OF NUTRITION, WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, PHILADELPHIA, PA., US, vol. 132, no. 6, SUPPL 2, June 2002 (2002-06), pages 1685S-1687S, XP008013139</p> <p>ISSN: 0022-3166</p> <p>page 1685S, right-hand column, paragraph 3</p>	1-19

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LAROSA J C ET AL: "EFFECTS OF HIGH-PROTEIN, LOW-CARBOHYDRATE DIETING ON PLASMA LIPOPROTEINS AND BODY WEIGHT" JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION, THE ASSOCIATION, CHICAGO, IL, US, vol. 77, no. 3, September 1980 (1980-09), pages 264-270, XP008013138 ISSN: 0002-8223 the whole document ---	1-19
A	MIKKELSEN PER B ET AL: "Effect of fat-reduced diets on 24-h energy expenditure: Comparisons between animal protein, vegetable protein, and carbohydrate" AMERICAN JOURNAL OF CLINICAL NUTRITION, vol. 72, no. 5, November 2000 (2000-11), pages 1135-1141, XP001157220 ISSN: 0002-9165 the whole document -----	1-19

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